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**Milestone Definitions for the Priority Acquisition Program List  
FY2000 ARA Performance Plan  
Goal 5 NAS Modernization**

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This activity supports NAS Modernization Goal 5 of the FY2000 ARA Performance Plan. The definitions in the table along with the milestone chart provide a better understanding the milestones reported in the Priority Acquisition Program List for NAS Modernization. The milestones in the table focus mainly on the In-Service Management portion of AMS. Most of the significant APB milestones are defined, but there are additional high and low level milestones that could be defined.

ACYM	NAME	DEFINITION	SOURCE
<b>NATIONAL SERVICE MILESTONES</b>			
JRC-1	Mission Need Decision	The Mission Need Statement (MNS) describes specific functional capability deficiencies that are worthy of investment analysis. The MNS is presented to and approved by the Associate Administrator of the sponsoring line of business, chairperson of the Joint Resources Council (JRC).	<sup>1</sup> ASD-200/300 Memo, dated July 1, 1997
JRC-2	Investment Decision	The Investment Decision is the single most important decision made by the JRC for a given program. With this decision, the JRC: selects a solution to satisfy the mission need; baselines the Requirements Document (RD); approves the Acquisition Program Baseline (APB); commits the agency to full lifecycle funding of the program; assigns the program to an Integrated Product Team (IPT); and identifies future corporate decisions and level of delegation.	ASD-200/300 Memo, dated July 1, 1997
	Security Certification	This milestone represents a certification that the facilities / systems / procedures associated with the proposed change of service delivery (or addition of a new service) are protected from cyber attacks.	New for service based acquisition
ISD	In-Service Decision	This is the decision to accept a product or service for operational use during the Solution Implementation phase of the lifecycle acquisition management process. This decision allows deployment activities such as installing products at each site and certifying them for operational use to start.	Appendix C of AMS Planning Document in FAST

ACYM	NAME	DEFINITION	SOURCE
NIDU	National Initial Daily Use	This milestone occurs when IDU has been successfully achieved at the first ATC site where the capability will be implemented and service is being provided on a limited basis to NAS users.	New for service based acquisition
NPCA	National Planned Capability Available	This milestone occurs when PCA has been successfully achieved at all ATC sites scheduled to receive the capability and full service is being provided to NAS users.	New for service based acquisition
<b>SITE SPECIFIC SERVICE MILESTONES</b>			
IDU	Initial Daily Use	This milestone signifies that the hardware and software systems necessary for the capability have been installed and verified to the satisfaction of the implementing organization. Support activities such as procedure development, training, adaptation, and rulemaking are complete. An initial cadre of operators at an ATC Facility is using the system(s) to provide limited operational services to NAS users. Initial field maintenance may be provided by contractor support.	FFP1 Briefing
PCA	Planned Capability Available	This milestone signifies that the full cadre of system operators and Airway Facility technicians at an ATC facility are trained and using the system(s) on a daily basis to provide operational services to NAS users.	FFP1 Briefing
<b>FACILITY MILESTONES</b>			
	Site Selection/ Acquisition Assessment Completed	The completion of the collection of all site selection data such as: real estate appraisals and zoning restrictions; legal concerns such as title search and property status; and environmental impacts.	ASD-200/300 Memo, dated July 1, 1997
	Facility Design Completed	The site specific detailed design of the facility, including the plans and specifications, is 100% completed.	ASD-200/300 Memo, dated July 1, 1997
	Site(s) Acquisition	Site(s) are selected, procurement negotiated, and real estate purchase completed.	ASD-200/300 Memo, dated July 1, 1997
	Facility Construction Begun	The Contracting Officer has issued a Notice to Proceed to the successful bidder	ASD-200/300 Memo, dated July 1, 1997
	Beneficial Occupancy Date	The date a pre-selected portion of the building is occupied early for FAA use, e.g. electronic equipment rooms and operations room.	ASD-200/300 Memo, dated July 1, 1997
	Facility Construction Completed	The facility construction has been inspected and is determined to be in compliance with the contract and is approved for FAA occupancy.	ASD-200/300 Memo, dated July 1, 1997

ACYM	NAME	DEFINITION	SOURCE
<b>SYSTEM (HARDWARE AND SOFTWARE) MILESTONES</b>			
SIR	Screening Information Request Released	A SIR is any request made by the FAA for documentation, information, or offer for the purpose of screening to determine which offeror provides the best value solution for a particular procurement.	Appendix C of AMS Planning Document in FAST
CA	Contract Award	Milestone occurs when a contract is signed by both the contracting officer and the contractor.	ASD-200/300 Memo, dated July 1, 1997
TRR	Test Readiness Review Complete	The TRR ensures that the test article hardware, software, test facility, personnel, and test procedures are ready for testing, data acquisition, reduction and control. The TRR establishes a decision point to proceed with planned verification (qualification and/or acceptance) testing of configuration items, subsystems, or systems.	NAS System Engineering Handbook June 1995. Need FAA definition.
FCA/PCA	Functional Configuration Audit / Physical Configuration Audit Complete	FCA is conducted on test data from a representative unit of item/configuration being procured to verify actual performance. The FAC is complete when the IPT determines that the discrepancies resulting from the audit are adequately corrected. PCA formally examines the "as-built" product against design documentation. The PCA is complete when the IPT determines that the discrepancies resulting from the audit are adequately covered.	ASD-200/300 Memo, dated July 1, 1997
	Site Delivery	This milestone occurs when the equipment hardware, software and completed instruction manuals physically arrive at the site.	ASD-200/300 Memo, dated July 1, 1997
CAI	Contractor Acceptance Inspection	The system satisfies the contractor inspection construction, installation, performance, operation, and maintenance criteria and is ready to be accepted by the FAA.	Need Official Definition
IOC	Initial Operating Capability	This milestone is complete when the IPT determines that the first installation's equipment hardware and software have been successfully installed, tested, and meets defined requirements placed on the contract.	ASD-200/300 Memo, dated July 1, 1997
JAI	Joint Acceptance Inspection	The system satisfies the FAA joint acceptance (AF/AT) inspection construction, installation, performance, operation, and maintenance criteria.	Need Official Definition

ACYM	NAME	DEFINITION	SOURCE
ORD	Operational Readiness Demonstration	The milestone occurs when the operational system satisfies the FAA joint acceptance inspection construction, installation, performance, operation, and maintenance criteria and is ready to be placed into operational use.	ASD-200/300 Memo, dated July 1, 1997
	Commissioning (system or site)	The facility, system, subsystem, or equipment is considered to be commissioned if it has been formally accepted and placed into operational use or service in the NAS, and its controlling Airway Facilities or other organization has assumed formal maintenance responsibility.	ASD-200/300 Memo, dated July 1, 1997
FOC	Full Operational Capability	This milestone is complete when the IPT determines that the last installation's equipment hardware and software have been successfully installed, tested, and meets defined requirements placed on the contract.	ASD-200/300 Memo, dated July 1, 1997

<sup>1</sup>The subject of the ASD 200/300 Memo dated July 1, 1997 was Approval of Acquisition Milestones for Acquisition Program Baselines (APB) and Master Schedule System (MSS).